What Is Claimed Is:

1. An integrated charger for use in a car comprising:

   a) a charging seat having a charging groove for receiving and charging dry batteries, a DC-DC converter and a charging control circuit; and

5 b) a power supply head formed in a cylindrical shape and adapted to a cigarette lighter socket in the car for insertion thereinto to lead the power source into the charging seat, the power supply head and the charging seat being integrated in a body in such a manner that the power cords embedded within the power supply head create an

10 electrical connection with the DC-DC converter.

2. The integrated charger for use in a car as recited in claim 1 wherein the power supply head and the charging seat are attached to each other in a body.

3. The integrated charger for use in a car as recited in claim 1 wherein the

15 power supply head is pivotally connected to the charging seat so that the power supply head is swiveled on a pivot in a sloping position.

4. The integrated charger for use in a car as recited in claim 1 wherein the power supply head includes a positive terminal telescopically extended from the center of the distal end of the power supply head and two negative

20 terminals projecting from both sides of the circumference thereof in an arched form.

5. The integrated charger for use in a car as recited in claim 1 wherein the charging groove is so configured that any types of dry batteries, such as AAA, AA, Li-ion, Ni-MH, Ni-Cd, etc., can be fitted into the charging

25 groove.

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6. The integrated charger for use in a car as recited in claim 1 wherein the charging control circuit includes a pulse width modulation (PWM) control switch, a microprocessor, a voltage detection circuit and a current detection circuit, and wherein, after the voltage and current detection of the batteries received within the charging groove, the microprocessor controls the pulse width modulation control switch for switching the power supplied from the DC-DC converter to the charging groove in the ON or OFF state.